

INTERNET WEB BROWSER WITH MEMORY ENHANCED HYPERLINK DISPLAY

ABSTRACT OF THE DISCLOSURE

5 A web browser displays historical information about hyperlinks shown on web
pages. Initially, a computer receives user instructions to download an internet web page,
and begins the download. The computer identifies any hyperlinks present in the web page,
and for each hyperlink, analyzes the hyperlink with respect to any of the user's past visits
to the hyperlinked address. Analysis is performed with the following steps. First, the
computer determines whether the user has previously selected that hyperlink, such by
10 "mouse clicking" on the hyperlink. If so, the computer consults a database to identify
characteristics of the underlying data obtained from past visits (or attempts) to the
hyperlinked address. These characteristics are input into a presentation table to derive
various enhanced presentation attributes for the hyperlink. The presentation table maps
between each possible data characteristic and a corresponding enhanced presentation
attribute. Presentation attributes may relate to text, graphics images, videos, sound, tactile
sensations, etc. Ultimately, the computer displays the downloaded web page, each
15 hyperlink with its enhanced presentation attributes.

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